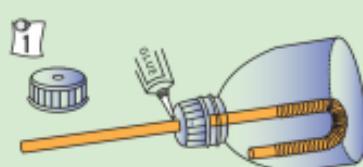
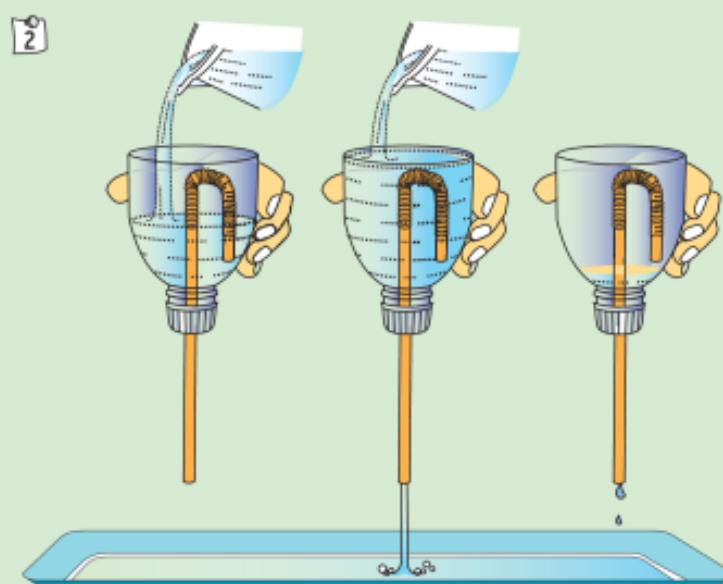


4 | DIY FRIDAY

ROCK-PAPER-SCISSORS

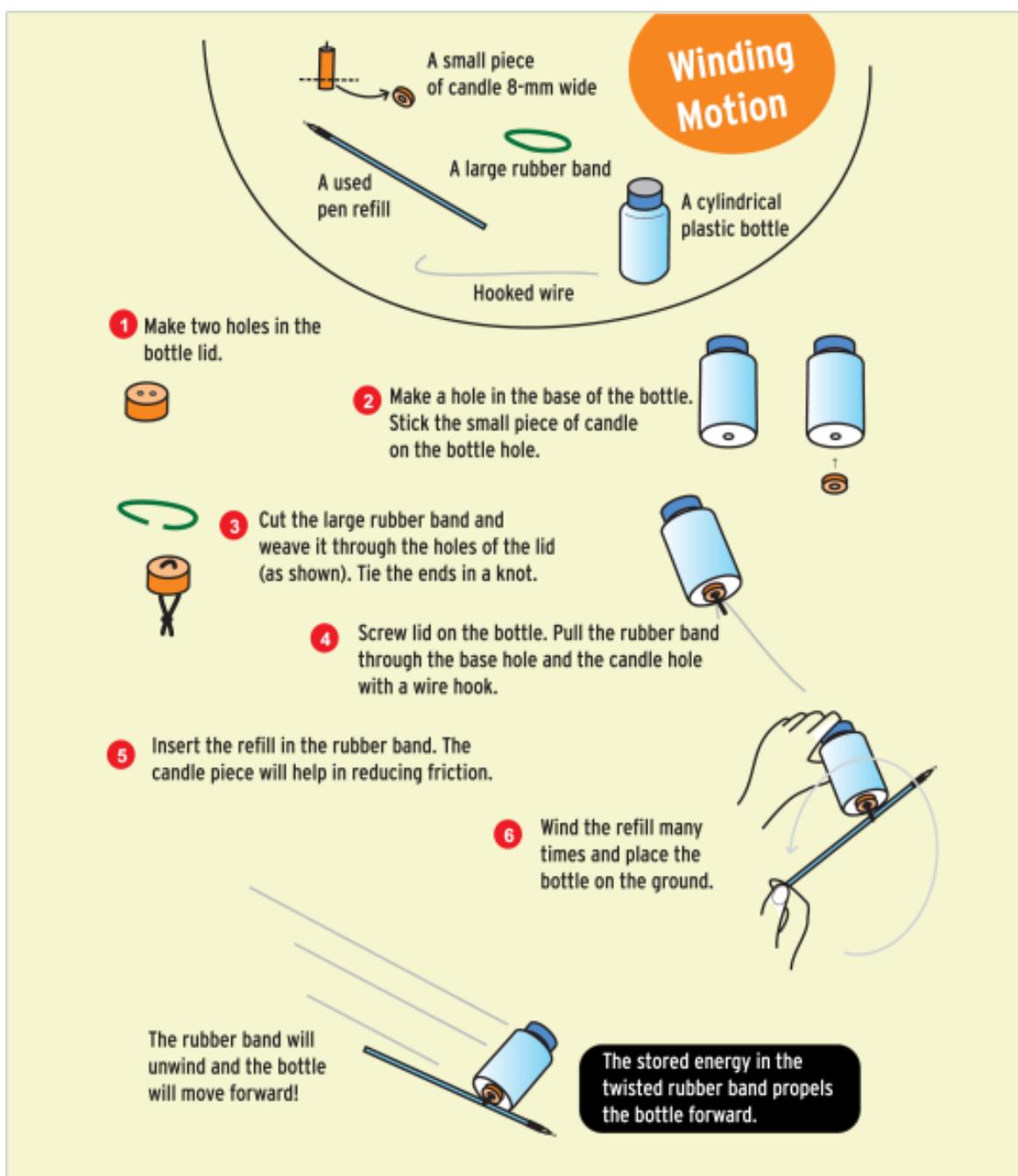


Cut the bottom half of the bottle with help from an adult. Poke a hole in the bottle lid. Insert the straw into the lid. Seal the meeting point with glue so that the straw is intact.



Hold the bottle with the lid pointed downwards. Pour water into the bottle. Initially no water will flow out. Only when the level reaches the top bend of the straw will the water flow down. This makes for an automatic siphon.

You don't have to suck from the lower end in this siphon. It is powered by the fall of water as it flows down the tube under the pull of gravity.



1 Make two holes in the bottle lid.



2 Make a hole in the base of the bottle. Stick the small piece of candle on the bottle hole.

3 Cut the large rubber band and weave it through the holes of the lid (as shown). Tie the ends in a knot.

4 Screw lid on the bottle. Pull the rubber band through the base hole and the candle hole with a wire hook.

5 Insert the refill in the rubber band. The candle piece will help in reducing friction.

6 Wind the refill many times and place the bottle on the ground.

The rubber band will unwind and the bottle will move forward!

The stored energy in the twisted rubber band propels the bottle forward.

CONCEPT: TOY INVENTOR ARVIND GUPTA. ILLUSTRATIONS: CHINMAYEE SAMANT & RESHMI BARVE. (www.arvindguptatpys.com)

PEN & PAPER

Mastering handwriting can make you smarter!

The early years of a child's life are a prime time for learning to write. Hand writing strengthens the learning process. The big pluses of handwriting include honing motor skills, increasing brain development and cognition, ability to express and generate ideas etc. It is also believed that writing letters in the early grades promotes reading comprehension. And in the later years of education, handwriting notes besides being more productive, support better memory retention and the ability to strongly grasp and retain new concepts. So, let us learn to make the most of this art. Handwriting does matter and every second invested to the practice of this art is sure to pay off in the long run.

Do not judge a book by its cover.

God helps those who help themselves.

